

# Easton Lake Management Plan 2007-2011

## Aquatic Species Management

Goals	Action Items	Who	When	Status
<b>Machine harvest aquatic plants to improve water quality, to provide safe boating areas and to improve aquatic habitat</b>	1. Modify harvesting plan to define areas to be harvested, when they will be harvested and who will be harvesting. Receive WDNR approval on revisions.	Easton Lake District and WDNR	Complete until 2011	
	2. Review harvest plan as needed and revise with WDNR approval.	Easton Lake District and Deb Konkel	Annually	
	3. Start checking into purchase of another weed harvester	Easton Lake District	2008	
<b>Monitor the harvesting of aquatic plants</b>	1. Record the pounds of aquatic plants removed by taking an average weight of a trailer full of plants harvested and multiplying this by the number of trailer loads. This will be documented and reported to WDNR Aquatic Plant Specialist by October 1.	Easton Lake District	Annually	
<b>Prevent the spread of, and try to eliminate exotic, invasive and noxious species</b>	1. Maintain signs to educate public about invasive, exotic and noxious species	Easton Lake District	Annually	
	2. Pursue financial assistance for public education signs on boat launch and dam	Easton Lake District	2008	
	3. Conduct a Clean Boats, Clean Water workshop to educate public on Eurasian watermilfoil, and the importance of removing plants from boats	Adams LWCD	2008	
<b>Reduce the amount of filamentous algae</b>	1. Implement & monitor plan to install barley bundles in Lake. Current plan is set up for five-year period.	Easton Lake District and Adams LWCD	Annually	

## Easton Lake Management Plan 2007-2011

### Dam

Goals	Action Items	Who	When	Status
<b>Maintain and operate Easton Dam to insure public safety, proper dam function and a stable Lake level</b>	1. Conduct annual inspections and record findings as specified in WDNR standards	Engineer certified by National Association of Professional Engineers and Adams LWCD	Annually	<b>COMPLETED</b>
	2. Operate, inspect and repair dam to meet Wisconsin laws in Chapter 31 and NR Chapter 330	Adams LWCD	Daily	
	3. Develop an Emergency Action Plan. [Dam break analysis currently being developed.]	Adams LWCD	2007	
	4. Implement the Emergency Action Plan in times of emergencies	County Board Chair and Adams LWCD	As needed	
	5. Instruct Adams LWCD as to information to be presented at annual meeting.	Easton Lake District Board	Annually	<b>COMPLETED</b>

### Recreational Use

Goals	Action Items	Who	When	Status
<b>Manage lake for fishing and boating</b>	1. Place signs at boat launch and dam area educating public about fish regulations and no-wake regulations	Easton Lake District	2007	
	2. Investigate options to improve the park by the dam. Report findings to Lake District board.	Easton Lake Advisory Group	2009	

# Easton Lake Management Plan 2007-2011

## Shore lands Areas within 1000 feet of the Lake

Goals	Action Items	Who	When	Status
<b>Reduce nutrients entering groundwater that then enters into the Lake</b>	1. Distribute “ <i>Protecting Your Waterfront Investment</i> ” brochure with annual meeting notice.	Easton Lake District	2007	
	2. Distribute a synopsis of the Lake Management Plan with annual meeting notice.	Easton Lake District	Annually	
	3. Distribute a letter to all Lake District members asking them to voluntarily comply with COMM 83 (inspect and pump septic systems once every three years)	Easton Lake District	Annually	
<b>Reduce nutrients entering the Lake by surface water</b>	1. Plan/design and offer cost-share to install shoreline protection, riparian buffers and storm water runoff management to areas identified in inventory. Utilize WDNR financial assistance programs.	Adams LWCD, WDNR and landowners	2007 to 2009	

# Easton Lake Management Plan 2007-2011

## Water Quality

Goals	Action Items	Who	When	Status
<b>Improve present water quality and prevent algae blooms</b>	1. Monitor water quality to measure success of meeting nutrient reduction goals. The Lake will be sampled yearly and tested for clarity, chlorophyll a and total phosphorus. Compare to 2003 water quality data.	Adams LWCD and volunteers	Annually	
	2. Investigate studies on geese impact on water quality. Report findings to Easton Lake District Board. Contact WDNR for allowable control methods.	Adams LWCD	2007	
<b>Educate community and public about ways to improve water quality</b>	1. Conduct workshop on shoreline restoration	Adams LWCD	2008	
	2. Contact agricultural producers and educate them about best management practices	Adams LWCD	2007 to 2009	

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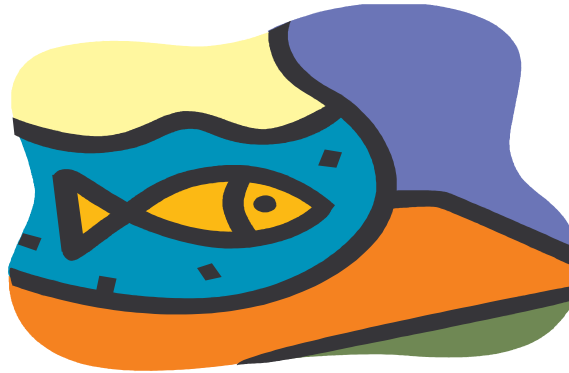
### Water Quality (Continued)

Goals	Action Items	Who	When	Status
<b>Maintain lake levels that enhance water quality and meet the requirements of Wisconsin Statute Chapter 31</b>	1. Operate dam to maintain lake levels and outflows as stated by WDNR	Adams LWCD	Annually	
	2. Gather information and develop a plan to install a sediment basin. Present findings to WDNR.	Adams LWCD and Easton Lake District	2008	
	3. Gather information and develop a plan to dredge navigational channels. Present findings to WDNR. a. Is it possible? b. Cost involved 1) Are grants available	Adams LWCD and Easton Lake District	2010	
<b>Maintain stable stream flows into and out of Easton Lake</b>	1. Operate dam in a proactive manner so large quantities of water are not released causing downstream flooding and stream bank erosion. Lake levels will be lowered in a slow, consistent manner to accommodate anticipated heavy rains and/or snowmelt runoff	Adams LWCD	Annually	

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## Watershed Land outside of shore-land area

Goals	Action Items	Who	When	Status
<b>Reduce the total phosphorus, total nitrogen and total solid sediments entering the Lake</b>	1. Sample and test water as it enters the Lake to determine total phosphorus, total nitrogen and total solid sediments to measure level of accomplishment. Use 2003 Lake Study for a baseline.	Adams LWCD	Annually	
	2. Implement State Agricultural Performance Standards by inventorying watershed and documenting: <ul style="list-style-type: none"> <li>a. runoff from livestock confinement operations entering surface waters</li> <li>b. Livestock direct access sites</li> <li>c. uncontained livestock manure storage facilities</li> <li>d. Soil erosion sites</li> <li>e. producers not implements nutrient management plans and irrigation water management plans.</li> </ul> Offer County, State, Federal cost-share assistance and plan/design assistance to landowners identified in inventory so best management practices are installed for compliance with the State Agricultural Performance Standards.	Adams LWCD, NRCS, WDNR, private organizations, agricultural producers	2008 to 2009	



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**March 17, 2008**